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Florence Amardeilh, Philippe Laublet, Jean-Luc Minel

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Publisher: ACM

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In this paper, we present a workbench for semi-automatic ontology population from textual documents. It provides an environment for mapping the linguistic extractions with the domain ontology thanks to knowledge acquisition rules. Those rules are activated ...

**Keywords:** knowledge acquisition tool, knowledge capture for the semantic web, knowledge capture using natural language processing, knowledge extraction from text, method for ontology population, semantic web

### 2 [Modeling ontologies for robotic environments](#)



Antonio Chella, Massimo Cossentino, Roberto Pirrone, Andrea Ruisi

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On the basis of a multiple abstraction levels specification process, we developed a representational model for environmental robotic knowledge through the definition of a set of ontologies using a multi perspective approach. A general ontological model ...

**Keywords:** multi agent systems, ontologies, robotics

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Theresa Edgington, Beomjin Choi, Katherine Henson, T.S. Raghu, Ajay Vinze

 November 2004 **Communications of the ACM**, Volume 47 Issue 11

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Ontology-enabled knowledge management experiences derived from a domain ontology development project at Intel Corporation are described and assessed.

#### 4 [Intelligent Agents Meet Semantic Web in a Smart Meeting Room](#)

Harry Chen, Filip Perich, Dipanjan Chakraborty, Tim Finin, Anupam Joshi

July 2004 **AAMAS '04: Proceedings of the Third International Joint Conference on Autonomous Agents and Multiagent Systems - Volume 2**, Volume 2

**Publisher:** IEEE Computer Society

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We describe a new smart meeting room system called EasyMeeting that explores the use of FIPA agent technologies, Semantic Web ontologies, logic reasoning, and security and privacy policies. Building on a pervasive computing system that we have developed ...


#### 5 [Automatic learning of text-to-concept mappings exploiting WordNet-like lexical networks](#)



Dario Bonino, Fulvio Corno, Federico Pescarmona

March 2005 **SAC '05: Proceedings of the 2005 ACM symposium on Applied computing**

**Publisher:** ACM

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**Keywords:** WordNet, semantic indexing, semantic web, synset

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